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Attorney Docket No.: P1363R1  
PATENT

Express Mail Label No: EM 168 883 298 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PRIOR APPLICATION Serial No. 09/320,100  
PRIOR APPLICATION Examiner: J. Hunt  
Prior Art Unit: 1642

Box CPA  
Assistant Commissioner of Patents  
Washington, D.C. 20231

TECH CENTER 1600/2900

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CONTINUED PROSECUTION APPLICATION (CPA) TRANSMITTAL

1. This is a request for a filing under the continued prosecution application procedure, 37 CFR 1.53(d), for a

☒ continuation  
☐ divisional

of prior application Serial Number 09/320,100 filed on May 26, 1999, entitled SEPARATION OF POLYPEPTIDE MONOMERS.

2. Declaration or Oath

☒ None required; the inventorship for all the claims in this application is the same as the prior application.

☐ None required; this application is filed by fewer than all the inventors named in the prior application (37 CFR 1.53(d)(4)).

☐ Please delete the following inventor(s) named in the prior nonprovisional application:

☐ The inventor(s) to be deleted are set forth on a separate sheet attached hereto.

☐ An executed Declaration/Oath and Petition Under 1.48 [ ] is enclosed [ ] will follow; this application is filed by additional inventors not named in the prior application.

3. Assignment

☐ An assignment of the invention to Genentech, Inc. [ ] is enclosed with attached Recordation Form Cover Sheet [ ] will follow.

☒ The prior application is assigned of record to Genentech, Inc.

4. ~~Amendments~~

☐ Cancel in this application Claims \_\_\_\_ of the prior application before calculating the filing fee.

☒ A Preliminary Amendment is enclosed. (Claims added by this Amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.)

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\_\_\_ Enter the unentered amendment previously filed on \_\_\_ (date) under 37 CFR 1.116 in the prior non-provisional application.

5. **Fee Calculation (37 CFR 1.16)**

The fee has been calculated as follows:

CLAIMS FOR FEE CALCULATION					
Number Filed		Number Extra		Rate	Basic Fee 37 CFR 1.16(a)
					\$710.00
Total Claims	13	- 20 =	0	\$18.00	\$0.00
Independent Claims	1	- 3 =	0	\$80.00	\$0.00
___ Multiple dependent claim(s), if any				\$270.00	\$0.00
Filing Fee Calculation					\$710.00

6. **Method of Payment of Fees**

The Commissioner is hereby authorized to charge Deposit Account No. 07-0630 in the amount of \$710.00.

**A duplicate copy of this transmittal is enclosed.**

7. **Authorization to Charge Additional Fees**

The Commissioner is hereby authorized to charge any additional fees required under 37 CFR §1.16 and 1.17, or credit overpayment to Deposit Account No. 07-0630. **A duplicate copy of this sheet is enclosed.**

8. **Additional Papers Enclosed**

☒ Copy of Second Information Disclosure Statement mailed July 26, 2000.

☐ Submission of "Sequence Listing", computer readable copy, certificate re: sequence listing, and/or amendment pertaining thereto for biological invention containing nucleotide and/or amino acid sequence.

☐ A new Power of Attorney or authorization of agent.

☐ Other:

9. **Maintenance of Copendency of Prior Application**

\_\_\_ A petition and fee are enclosed to extend the term in the pending prior application until

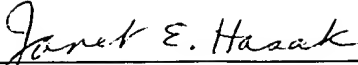
\_\_\_ A copy of the petition for extension of time in the *prior* application is attached.

10. Correspondence Address:

X Address all future communications to:

Attn: Janet E. Hasak

Dated: March 5, 2001

  
\_\_\_\_\_  
Janet E. Hasak  
Registration No. 28,616  
Telephone No. (650) 225-1896



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PATENT TRADEMARK OFFICE



Patent Docket P1363R1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	Group Art Unit: 1642
Deborah Ann Ansaldi	Examiner: J. Hunt
Serial No.: 09/320,100	Express Mail Label No. EM 168 883 298 US
Filed: 26 MAY 1999	
For: SEPARATION OF POLYPEPTIDE MONOMERS	

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3-9-01

PRELIMINARY AMENDMENT

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Please amend the above-identified application by amending the claims as follows.

In the Claims:

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1. (Amended) A method for separating polypeptide monomers from a mixture comprising said polypeptide monomers, and dimers or multimers of said polypeptide monomers or both dimers and multimers of said polypeptide monomers, wherein the method consists essentially of applying the mixture to a cation-exchange or anion-exchange chromatography resin in a buffer, wherein if the resin is cation-exchange, the pH of the buffer is about 4-7, and wherein if the resin is anion-exchange, the pH of the buffer is about 6-9, and eluting the mixture at a gradient of about 0-1 M of an elution salt, wherein the monomer is separated from the dimers or multimers or both present in the mixture, and wherein the separated monomer has a purity of greater than 99.5% and the monomer yield is greater than 90%.